(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. H0004181

Total Pages in this Submission 39

### TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

invention entitled:			
POLYMER ACTUATOR HAVING A CIRCULAR UNIT CELL			
and invented by:	S. PTO		
ROBERT D. HORNING	17497 U		
If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:			
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:			
Which is a:			
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:			
Which is a:			
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:			
Enclosed are:			
Application Elements			
1. ⊠ Filing fee as calculated and transmitted as described below			
2.  Specification havingEIGHTEEN (18) pages and including the following:			
a. 🗵 Descriptive Title of the Invention			
b.   Cross References to Related Applications (if applicable)			
c. 図 Statement Regarding Federally-sponsored Research/Development (if applicable)			
d.  Reference to Microfiche Appendix (if applicable)			
e. 🗵 Background of the Invention			
f. ⊠ Brief Summary of the Invention			
h. 🛭 Detailed Description			
i. ⊠ Claim(s) as Classified Below			
j. 🗵 Abstract of the Disclosure			

17

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. H0004181

Total Pages in this Submission 39

	Application Elements (Continued)				
3.	3.   Drawing(s) (when necessary as prescribed by 35 USC 113)				
	a.	$\boxtimes$	Formal Number of Sheets SIX (6)		
	b.		Informal Number of Sheets		
4.	$\boxtimes$	Oat	h or Declaration		
	a.	X	Newly executed (original or copy)		
	b.		Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)	١	
	C.	$\boxtimes$	With Power of Attorney		
	d.		<u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).		
5.		The Box	corporation By Reference (usable if Box 4b is checked) e entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under x 4b, is considered as being part of the disclosure of the accompanying application and is hereby corporated by reference therein.		
6.		Со	mputer Program in Microfiche (Appendix)		
7.		Nu	cleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)		
	а	. 🗆	Paper Copy		
	b	. 🗆	Computer Readable Copy (identical to computer copy)		
	С	. 🗆	Statement Verifying Identical Paper and Computer Readable Copy		
Accompanying Application Parts					
8	. 🗵	As	ssignment Papers (cover sheet & document(s))		
9		37	7 CFR 3.73(B) Statement (when there is an assignee)		
10	·. 🗀	) Er	nglish Translation Document (if applicable)		
11	. $\sqsubset$	] In	formation Disclosure Statement/PTO-1449   Copies of IDS Citations		
12	2. [	) Pi	reliminary Amendment		
13	3. ∑	<u> </u>	cknowledgment postcard		
14	4. [	_ c	certificate of Mailing		
			First Class   Express Mail (Specify Label No.):		

(Only for new nonprovisional applications under 37 CFR 1.53(b))

was unintentional.

Docket No. H0004181

Total Pages in this Submission 39

### **Accompanying Application Parts (Continued)** ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Additional Enclosures (please identify below): Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2) 17. — Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application. Warning An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. H0004181

Total Pages in this Submission 39

### Fee Calculation and Transmittal

**CLAIMS AS FILED** 

#### Fee Rate #Allowed #Extra #Filed For \$18.00 1 \$18.00 - 20 = 21 **Total Claims** \$168.00 \$84.00 2 - 3 = 5 Indep. Claims \$0.00 Multiple Dependent Claims (check if applicable) \$750.00 **BASIC FEE** \$0.00 OTHER FEE (specify purpose) \$936.00 **TOTAL FILING FEE** to cover the filing fee is enclosed. A check in the amount of \$936.00 ☑ The Commissioner is hereby authorized to charge and credit Deposit Account No. 50-1390 as described below. A duplicate copy of this sheet is enclosed. as filing fee. ☐ Charge the amount of Credit any overpayment. ☑ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

cc: Customer N . 00128

Dated: September 30, 2003

Lawrence D. Eisen Registration No. 41,009

Shaw Pittman LLP 1650 Tysons Boulevard McLean, VA 22102